

1 symbols per node, particular methods of assigning blocks of information  
 2 bits to symbols (in the case of a multiple-symbol information  
 3 transmission mode) or of assigning blocks of information bits from a key  
 4 generator (in the case of an information transmission mode in which  
 5 spreading-code sequences are provided from an external source), a  
 6 particular method of making symbol decisions, and particular methods of  
 7 operating in multiple-symbol information transmission modes. However,  
 8 other classes of spreading-code sequences, error-control coding schemes,  
 9 symbol selection schemes, decision schemes, and methods of operation  
 10 that are more advantageously suited to particular applications and/or  
 11 environments would be apparent to practitioners skilled in the art of  
 12 spread-spectrum digital communications upon perusal of the foregoing  
 13 specification and the accompanying drawing. Accordingly, the foregoing  
 14 description is to be understood as merely illustrative of the invention,  
 15 which is defined more generally by the following claims and their  
 16 equivalents.

# 17 **Claims**

18 I claim:

19 1. A method for generating sets of binary sequences, each set to be  
 20 assigned to a corresponding node of a multi-node communication network,  
 21 said method comprising combining digital output sequences from a first  
 22 binary shift register with specified digital output sequences from a  
 23 second binary shift register to produce a set of combined output  
 24 sequences.

*add  
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